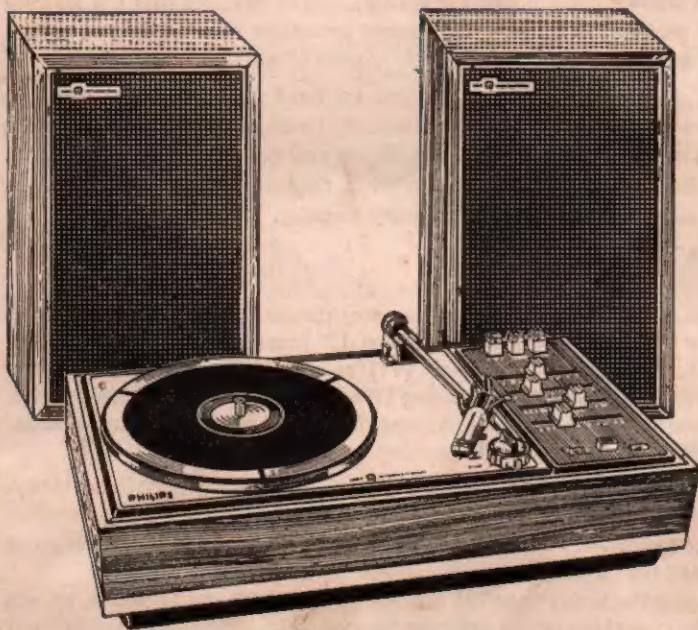


directions for use

Therionne
3.11.72



PHILIPS



15 GF 932

15GF932

HIGH QUALITY STEREO SYSTEM OPERATING ON 230V AC MAINS

INSTALLATION

1. **Assembly of the turntable**—Place the separately packed turntable on the top of the drive table.
2. This high quality international stereo system is designed with the choice of two types of loudspeaker enclosures:—
 - (a) a pair of 15RH442/00—18 litre enclosures, incorporating one full range 8" speaker IPD 8065/M4, or
 - (b) a pair of 15RH465/00 enclosures—35 litre enclosures, incorporating 2 nos. full range speaker type IPD 8065/SM.

These enclosures are specially designed to give high acoustical output with perfectly balanced sound reproduction. The enclosures should be installed preferably as shown in Fig. 2. The left and right hand speakers should be plugged to the respective sockets marked 'L' and 'R' at the rear of the electrophone.

Mains connection—A separate detachable mains cord is provided with this system. Plug in, its socket end to the apparatus and its plug end to the mains supply socket.

Pick-up head—15GP200 pick-up head, with ceramic cartridge and diamond/sapphire stylus (provided with the system), can be plugged into the pick-up arm. To protect the stylus, a transparent protective cap is provided, which should be removed only when playing records (Fig. 4).

Stylus force adjustment—the pick-up head 15GP200 is designed to operate with a stylus force of 4 to 6 gms. By turning the calibrated ring at the rear end of the pick-up arm, the stylus force may be adjusted (Fig. 3).

The stylus force has been pre-adjusted in the factory to its optimum value. Further adjustment will not be necessary normally.

OPERATION

GRAMOPHONE

- (a) **Speed control**—The system can play standard records operating on 78 r.p.m. EP records on 45 r.p.m. and LP records operating on 33-1/3 r.p.m. (Fig. 1). Turn the knob (11) so as to indicate the speed of the record to be played. For playing EP and LP records, the pick-up stylus should indicate 'M' position, whereas for playing normal 78 r.p.m. records, it should be changed to 'N' position.
- (b) Switch on the amplifier by pressing the control (9) and press in the button (1) marked PU.
- (c) Place the record on the turntable and turn the knob (10) clockwise so as to start the turntable.
- (d) Keeping the rocker lever (6) at the end marked (x), take the pick-up arm to the start of the record or to the passage to be played. Now gently lower the arm with the rocker lever by shifting the rocker lever to the position marked "y" (Fig. 1).

- (e) The treble, bass and volume of reproduction can be adjusted by operating controls (5), (7) and (8).
- (f) By control (4), the sound from the two channels and loudspeaker enclosures can be balanced. This setting need not be disturbed once adjusted for a particular set-up of the loudspeaker enclosures and the position of the listeners.
- (g) The player will be automatically off at the end of the play. In case it is required to switch off the player in-between the record, please lift up the pick-up from the record (by rocker lever) and press the Control (11) down gently and release.
- (h) Bring back the pick-up arm to its rest and switch off the amplifier by pressing again button (9).

TUNER

Connect the tuner to the socket at the rear end of the apparatus marked 'TUNER'. For playing the tuner through the system, press down buttons (3) and (9) and switch on the tuner. The tone and volume can be controlled by controls (5), (7) and (8).

TAPE RECORDER

Recording from records— Connect the tape recorder to the socket marked 'TAPE' at the rear of the electrophone. Switch on the tape recorder with its 'RECORD' button pressed down. Now operate the player and amplifier as per instructions given under 'GRAMOPHONE'.

Recording from Tuner— Programmes from tuner can be directly recorded through this system by pressing in buttons (3) and (9). The tape recorder should be 'ON' with its 'RECORD' button pressed in.

Reproduction from tape— For listening to taped programmes through the amplifier of this system, press in buttons (2) and (9) and operate the tape recorder in its "PLAYBACK" position. Tone and volume of reproduction can be controlled by (5), (7) and (8).

The tuner and the tape recorder can be kept permanently connected to the stereo system. The selection of operation can be done with the selector switches (1), (2) and (3).

Maintenance— The apparatus normally does not require any maintenance. But it is recommended that the stylus should be checked for wear at regular intervals, so as to prolong the life of your records.

Fuse— The system is provided with a thermal fuse in the input and a cartridge fuse in the rectifier circuits, to protect it from severe damage due to any minor defects developed in it. In case of any fault, or even for replacement of fuses, please take the help of your dealer.

Replacement of pick-up head— The pick-up head can be easily pulled out from the pick-up arm and replaced by sliding in a new one. It is advisable that, for check-up of stylus and its replacement, the complete pick-up head is taken to the dealer.

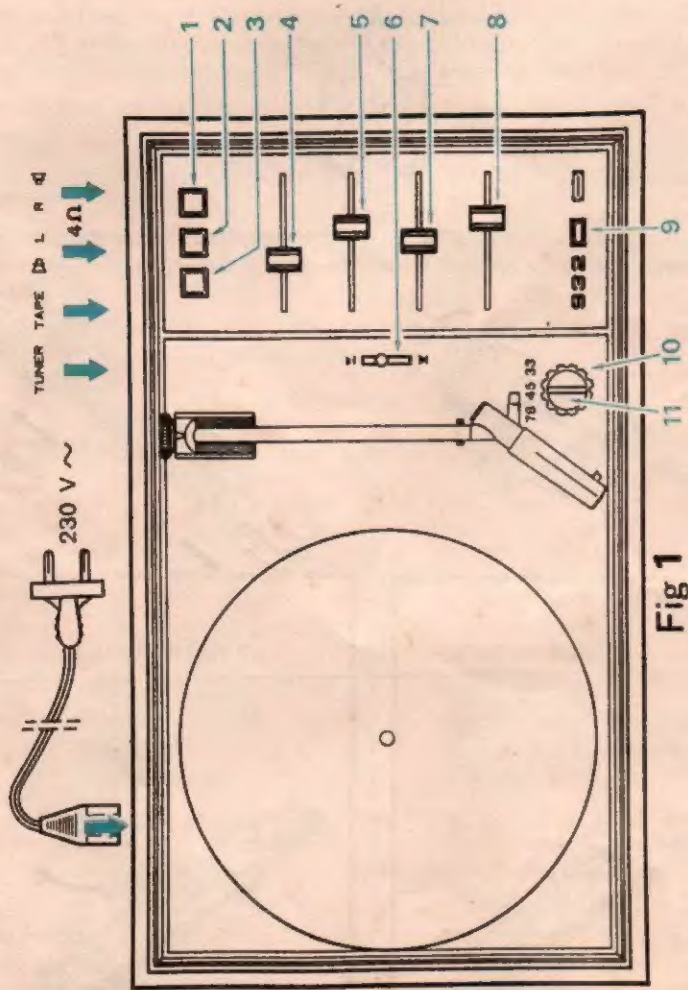


Fig 1

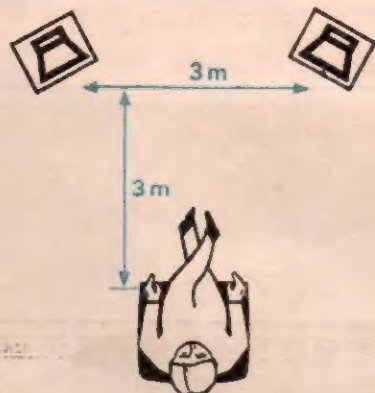


Fig 2

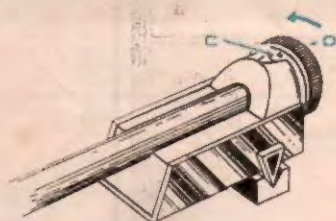


Fig 3

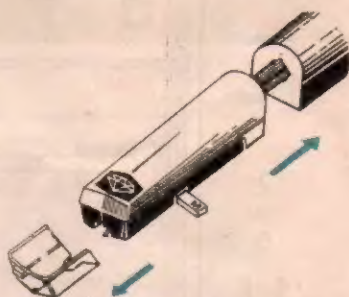


Fig 4

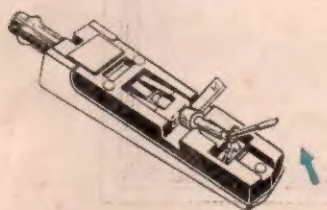


Fig 5

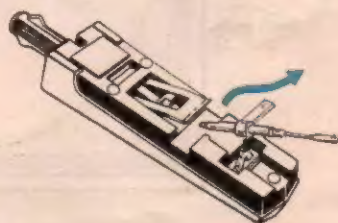


Fig 6

Post Guarantee Service

Your stereo electrophone is a delicate apparatus — needs careful handling. Should anything go wrong either with its mechanical or electrical functions — this should receive the attention of an expert technician.

Every Philips apparatus is backed by Philips expert 'After Sales Service'.

Philips have expert Service Dealers all over India, who have factory-trained technicians, genuine spare parts, know-how and experience, to service your Philips equipment.

Please do not entrust your precious radio or player to a learner or an inexperienced technician. It is much cheaper in the long run to get it serviced by an expert.

Take your equipment to an Authorised Philips Dealer or to a Philips Service Centre at any of the following addresses:



Eastern Region

2 Heysham Road
(near Elgin Road
Post Office)
CALCUTTA 20

Northern Region

66 Janpath
NEW DELHI 1

Western Region

"Lotus Court"
196 Jamshedji Tata Road
Churchgate Reclamation
BOMBAY 20

Southern Region

35/4 Mount Road
MADRAS 2